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Substitute for form 1449B/PTO

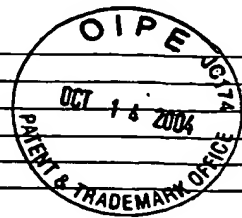
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: October 14, 2004

(use as many sheets as necessary)

Complete if Known

Application Number	09/920,966
Filing Date	08/03/2001
First Named Inventor	Masuyo HORIGUCHI
Group Art Unit	2642
Examiner Name	Knowlin, Thjuan P.
Attorney Docket Number	045054-0145



Sheet 1 of 1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>[Signature]</i>	D1	6,094,565		ALBERTH et al.	07-25-2000	
	D2	5,634,196		ALFORD	05-27-1997	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
<i>[Signature]</i>	D3	EP	0 867 844	A2	NEC CORPORATION	09-30-1998		
	D4	FR	2 748 176		PARROTT SA SOCIETE ANONYME	10-31-1997		
	D5	WO	96/27974		TELEFONAKTIEBOLAGET LM ERICSSON	09-12-1996		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
<i>[Signature]</i>	D6	Z. COLE et al., "Two-way Radio with Tone Customization," Motorola Technical Developments, Vol. 40, January 2000, pp. 91-92, XP-000937325.	

Examiner Signature

Date Considered

08-10-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	09/920,966
			Filing Date	08/03/2001
Date Submitted: September 29, 2003 (use as many sheets as necessary)			First Named Inventor	Masuyo HORIGUCHI
			Group Art Unit	2681 2642
Sheet 1 of 1			Examiner Name	Unknown T. KAWA
			Attorney Docket Number	045054-0145



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
[Signature]	A1	6,009,338		IWATA et al.	12/28/1999	RECEIVED SEP 30 2003 Technology Center 2600
	A2	6,208,879		IWATA et al.	03/27/2001	
	A3	6,438,392		TOBA	08/20/2002	
	A4	2003/0008679		IWATA et al.	01/09/2003	
	A5	6,535,749		IWATA et al.	03/18/2003	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
[Signature]	A6	JP	6-164712			06/10/1994	X
	A7	JP	10-42022			02/13/1998	X
	A8	JP	10-70750			03/10/1998	X
	A9	JP	10-215303			08/11/1998	X
	A10	JP	10-327219			12/08/1998	X
	A11	JP	11-308669			11/05/1999	X
	A12	JP	11-341110			12/10/1999	X
	A13	JP	2000-138972			05/16/2000	X

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		

Examiner Signature	[Signature]	Date Considered	08-10-05
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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	Substitute for form 1449B/PTO		Complete if Known	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 24, 2003 (Use as many sheets as necessary)		Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	09/920,966 08/03/2001 Masuyo HORIGUCHI 2681 2642 Unknown 045054-0145
	1	of	1	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>[Signature]</i>	A1	5,394,140		WONG et al.	02/28/1995	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
<i>[Signature]</i>	A2	GB	2 339 648			02/02/2000		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

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Examiner Signature	<i>[Signature]</i>	Date Considered	03-10-05
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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 045054-0145		SERIAL NO. 04/920966 <i>Unassigned</i>	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Masuyo HORIGUCHI			
				FILING DATE 08/03/2001		GROUP ART UNIT 2642 <i>Unassigned</i>	

09/20/01
 09/20/01
 08/03/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	5,463,687	10/31/95	Takizawa	379	433	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A2	2000-69158	3/3/2000	JAPAN			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">03-10-05</div>
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